

+H<sub>3</sub>N ~~ NH<sub>2</sub> ~~ NH<sub>3</sub>+ c=0

FIG. 11E

\*H3N~~~NH3\* FIG. 11A

PUTRESCINE

\*H3N ~~ NH2 ~~ NH2 FIG. 11B

SPERMIDINE

DESC

V NH<sub>2</sub> V NH<sub>3</sub> C=0 +H3N \\NH2

+H<sub>3</sub>N ~ NH<sub>2</sub> + NH<sub>2</sub> + NH<sub>3</sub> + C=0

FIG. 11F

MESC

FIG. 11D

NH3<sup>+</sup> DEASC

\*H3N ~~ NH2 + ~~ NH2 + FIG. 110 SPERMINE

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$$H_2N$$
 $COOH$ 
 $MeOH/HCI$ 
 $H_2N$ 
 $NH_2$ 
 $X$ 
 $COOH_3$ 
 $IX$  L-ornithine

FIG. 13

FIG. 14

$$\begin{array}{c} 16/35 \\ \text{R}_{1}\text{HN} & \begin{array}{c} R_{2} \\ \end{array} & \begin{array}{c} R_{2$$

L = A CHEMICAL STRUCTURE (THE LINKER)

FIG. 17A

L' = A CHEMICAL STRUCTURE (THE LINKER)

FIG. 17C



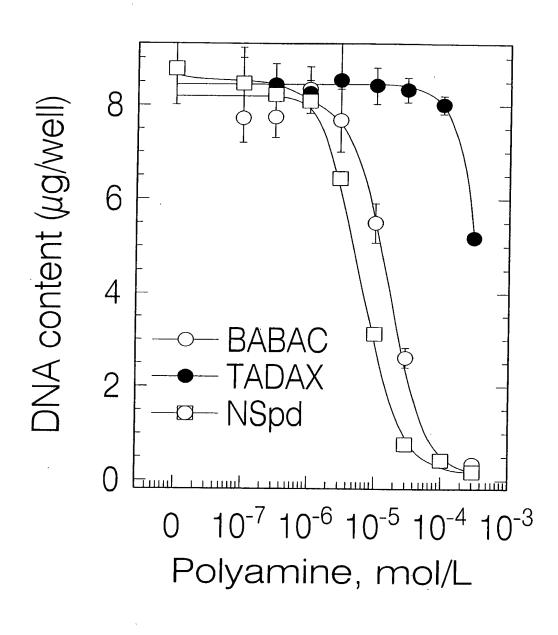


FIG. 34